

ABSTRACT OF THE DISCLOSURE

SYNTHESIS OF RANDOM MICROGELS BY MEANS OF CONTROLLED  
5 RADICAL POLYMERIZATION

The invention relates to a method of preparing statistical microgels. The inventive method comprises a 10 step involving the radical polymerisation of a composition containing: at least one monoethylenically-unsaturated monomer, at least one multiethylenically-unsaturated monomer, a free radical source and a control agent. The invention also relates to first 15 generation microgels thus prepared and all the compounds resulting from said microgels (next-generation microgels).